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|       |                     |                             |                  | Complete If Known                |  |  |
|       | Substitute for      | Form 1449A/PTO              |                  | Application Number               |  |  |
|       | INFORMATIC          | N DISCLOSURE                |                  | Filing Date                      |  |  |
|       | STATEMENT           | BY APPLICANT                |                  | First Named Inventor             | DiVergilio et al.  |  |
|       | (uon no many e      | heets as necessary)         |                  | Group Art Unit                   |  |  |
|       | (use as many s      | meets as necessary)         |                  | Examiner Name                    |  |  |
| Sheet | 1                   | of                          | 1                | Attorney Docket No.              | 02-IMP-068   |  |
|       |                     |                             |                  |                                  |  |  |

| U.S. PATENT DOCUMENTS |                          |                 |                                   |                         |                            |   |  |  |
|-----------------------|--------------------------|-----------------|-----------------------------------|-------------------------|----------------------------|---|--|--|
|                       |                          | U.S. Patent Doc | zyment                            | Name of Patentee or     | Date of Pub. of            |   |  |  |
| Exam.<br>Initials*    | Cite<br>No. <sup>1</sup> | Number          | Kind Code <sup>2</sup> (if known) | Applicant of Cited Doc. | Cited Doc.<br>(mm-dd-yyyy) | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |  |  |
| ゴト                    | AA                       | 5,053,627       |                                   | Ruffell et al.          | 10/01/1991                 | Entire Document   |  |  |
| 1                     | AB                       | 6,197,166       | B1                                | Moslehi                 | 03/06/2001                 | Entire Document   |  |  |
|                       | AC                       | 6,248,642       | B1                                | Dolan et al.            | 06/19/2001                 | Entire Document   |  |  |
|                       | AD                       | 6,305,316       | B1                                | DiVergilio et al.       | 10/23/2001                 | Entire Document   |  |  |
|                       | AF                       | 2002/0022344    | A1                                | Kang et al.             | 02/21/2002                 | Entire Document   |  |  |
|                       | AG                       | 2002/0098713    | A1                                | Henley et al.           | 07/25/2002                 | Entire Document   |  |  |
|                       | AH                       | 6,504,159       | B1                                | Keller                  | 01/07/2003                 | Entire Document   |  |  |
|                       | Al                       | 6,572,732       | B2                                | Collins                 | 06/03/2003                 | Entire Document   |  |  |
|                       | AJ                       | 6,623,596       | B1                                | Collins et al.          | 09/23/2003                 | Entire Document   |  |  |

|                    | FOREIGN PATENT DOCUMENTS |                         |                     |                                   |                               |                               |  |    |
|--------------------|--------------------------|-------------------------|---------------------|-----------------------------------|-------------------------------|-------------------------------|--|----|
|                    |                          | Foreign Patent Document |                     | Name of Patentee                  | Date of Pub.                  |                               |  |    |
| Exam.<br>Initials* | Cite<br>No. <sup>1</sup> | Office <sup>3</sup>     | Number <sup>4</sup> | Kind Code <sup>2</sup> (if known) | or Applicant of<br>Cited Doc. | of Cited Doc.<br>(mm-dd-yyyy) | Pages, Columns, Lines, Where Relevant Passages or<br>Relevant Figures Appear | T⁵ |
|                    | BA                       |                         |                     |                                   |                               |                               |  |    |
|                    | вв                       |                         |                     |                                   |                               |                               |  |    |
|                    | BF                       |                         |                     |                                   |                               |                               |  |    |
|                    | ВG                       |                         |                     |                                   |                               |                               |  |    |
|                    | ВН                       |                         |                     | l                                 |                               |                               |  |    |

| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS |              |   |    |  |  |  |
|---|--------------|---|----|--|--|--|
| Exam.<br>Initials*                                | Cite<br>No.1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T² |  |  |  |
| JF  | CA           | "The ULE2 Ion Source Capabilities Important to SOI Technology", MICHAEL A. GRAF, WADE KRULL and VICTOR BENVENISTE, Eaton Corporation, Beverly, MA 01915, No date available, 4 pgs.  |    |  |  |  |
|   | СВ           |   |    |  |  |  |
|   | CC           |   |    |  |  |  |
|   | CD           | ·   |    |  |  |  |
|   | CE           |   |    |  |  |  |
|   | CF           | ·   |    |  |  |  |
|   | CG           | ·   |    |  |  |  |
|   | CH           |   |    |  |  |  |

| Examiner Signature Date 12-06-2005 |             | 1 11 |  |            |
|------------------------------------|-------------|------|--|------------|
|                                    | Signature / |      |  | 12-06-2005 |

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